

Report Date.: 09/25/98 2:09 PM
Request.....: MA98-3
Submitter....: E. Chambers/C. Callicutt
Request Type: inh
Activity : T00107

Reported By....: Peters,Linda W.
Date Submitted: 08/06/98
Date Received.: 08/06/98
Date Completed: 08/18/98
Approved By....: Peters,Linda W.

Description.: NONE - TO TEST BRANDS FOR MASSACHUSETTS COMPLIANCE

| Test Categories/Tests | PR4B | | | | BC6-BW | | | |
|------------------------------|--------|---------|--------|----|--------|---------|--------|----|
| | Target | Average | StdDev | N | Target | Average | StdDev | N |
| Smoke | | | | | | | | |
| FTC Butt Length, mm | | 33.0 | | | | 28.0 | | |
| MA Tar, mg/cigt. | | 21.2 | 1.12 | 18 | | 29.2 | 1.46 | 20 |
| MA TPM, mg/cigt. | | 32.9 | 2.25 | 18 | | 47.4 | 2.62 | 20 |
| MA Nicotine, mg/cigt. | | 1.47 | 0.051 | 18 | | 1.82 | 0.083 | 20 |
| MA Water, mg/cigt. | | 10.25 | 1.440 | 18 | | 16.36 | 1.465 | 20 |
| MA Puffs/Cigt. | | 9.9 | 0.54 | 18 | | 10.3 | 0.41 | 20 |
| Tar/Puff, mg | | 2.1 | | | | 2.8 | | |
| MA pH in Whole Smoke (PxP) | | 5.1 | | | | | | |
| MA CO, mg/cigt. | | 20.6 | 1.84 | 19 | | 27.7 | 1.15 | 20 |
| TX pH in Whole Smoke | | 5.0 | 0.01 | 2 | | 5.1 | 0.04 | 2 |
| Filter | | | | | | | | |
| Tipping Paper Length, mm | | 30.2 | 0.26 | 20 | | 25.0 | 0.28 | 20 |
| Ventilation, % | | 35 | 3.7 | 99 | | 3 | 1.0 | 99 |
| Filler | | | | | | | | |
| Tobacco Weight, g | | 0.628 | 0.0010 | 2 | | 0.718 | 0.0050 | 2 |
| (1)Total Alkaloids, mg/cigt. | | 11.27 | 0.021 | 2 | | 11.89 | 0.078 | 2 |
| (1)OV After Grinding, % | | 11.6 | 0.01 | 2 | | 11.3 | 0.02 | 2 |

| Test Categories/Tests | BC6B-BW | | | | BC6MB-BW | | | |
|------------------------------|---------|---------|--------|-----|----------|---------|--------|----|
| | Target | Average | StdDev | N | Target | Average | StdDev | N |
| Smoke | | | | | | | | |
| FTC Butt Length, mm | | 28.0 | | | | 28.0 | | |
| MA Tar, mg/cigt. | | 28.9 | 1.35 | 20 | | 28.9 | 1.06 | 19 |
| MA TPM, mg/cigt. | | 47.4 | 2.29 | 20 | | 46.6 | 2.00 | 19 |
| MA Nicotine, mg/cigt. | | 1.78 | 0.064 | 20 | | 1.71 | 0.070 | 19 |
| MA Water, mg/cigt. | | 16.74 | 1.095 | 20 | | 15.94 | 1.230 | 19 |
| MA Puffs/Cigt. | | 10.2 | 0.23 | 20 | | 10.1 | 0.29 | 19 |
| Tar/Puff, mg | | 2.8 | | | | 2.9 | | |
| MA pH in Whole Smoke (PxP) | | | | | | | | |
| MA CO, mg/cigt. | | 28.3 | 1.69 | 20 | | 27.0 | 1.94 | 20 |
| TX pH in Whole Smoke | | 5.1 | 0.06 | 2 | | 5.0 | 0.01 | 2 |
| Filter | | | | | | | | |
| Tipping Paper Length, mm | | 24.8 | 0.23 | 20 | | 24.8 | 0.31 | 20 |
| Ventilation, % | | 2 | 0.7 | 100 | | 2 | 0.9 | 99 |
| Filler | | | | | | | | |
| Tobacco Weight, g | | 0.714 | 0.0035 | 2 | | 0.702 | 0.0071 | 2 |
| (1)Total Alkaloids, mg/cigt. | | 11.50 | 0.106 | 2 | | 11.36 | 0.007 | 2 |
| (1)OV After Grinding, % | | 11.5 | 0.01 | 2 | | 11.4 | 0.01 | 2 |

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Description.: NONE - TO TEST BRANDS FOR MASSACHUSETTS COMPLIANCE

| Test Categories/Tests | BCL6-BW | | | | BCL6B-BW | | | |
|------------------------------|---------|---------|--------|----|----------|---------|--------|----|
| | Target | Average | StdDev | N | Target | Average | StdDev | N |
| Smoke | | | | | | | | |
| FTC Butt Length, mm | | 34.0 | | | | 34.0 | | |
| MA Tar, mg/cigt. | | 22.0 | 1.21 | 20 | | 22.9 | 1.37 | 19 |
| MA TPM, mg/cigt. | | 34.0 | 2.75 | 20 | | 36.7 | 2.80 | 19 |
| MA Nicotine, mg/cigt. | | 1.39 | 0.091 | 20 | | 1.45 | 0.086 | 19 |
| MA Water, mg/cigt. | | 10.61 | 1.560 | 20 | | 12.32 | 1.507 | 19 |
| MA Puffs/Cigt. | | 9.7 | 0.32 | 20 | | 9.7 | 0.34 | 19 |
| Tar/Puff, mg | | 2.3 | | | | 2.4 | | |
| MA pH in Whole Smoke (PxP) | | | | | | | | |
| MA CO, mg/cigt. | | 25.0 | 1.86 | 20 | | 24.8 | 2.03 | 20 |
| TX pH in Whole Smoke | | 5.0 | 0.04 | 2 | | 5.0 | 0.00 | 2 |
| Filter | | | | | | | | |
| Tipping Paper Length, mm | | 31.1 | 0.29 | 20 | | 31.0 | 0.18 | 20 |
| Ventilation, % | | 18 | 2.5 | 98 | | 14 | 2.1 | 99 |
| Filler | | | | | | | | |
| Tobacco Weight, g | | 0.659 | 0.0021 | 2 | | 0.646 | 0.0057 | 2 |
| (1)Total Alkaloids, mg/cigt. | | 10.86 | 0.028 | 2 | | 10.77 | 0.113 | 2 |
| (1)OV After Grinding, % | | 11.6 | 0.03 | 2 | | 11.4 | 0.02 | 2 |

| Test Categories/Tests | BCL6M-BW | | | | BCU6-BW | | | |
|------------------------------|----------|---------|--------|-----|---------|---------|--------|----|
| | Target | Average | StdDev | N | Target | Average | StdDev | N |
| Smoke | | | | | | | | |
| FTC Butt Length, mm | | 34.0 | | | | 34.0 | | |
| MA Tar, mg/cigt. | | 22.4 | 1.19 | 19 | | 16.3 | 0.91 | 20 |
| MA TPM, mg/cigt. | | 34.8 | 2.53 | 19 | | 22.0 | 1.51 | 20 |
| MA Nicotine, mg/cigt. | | 1.36 | 0.076 | 19 | | 1.12 | 0.056 | 20 |
| MA Water, mg/cigt. | | 11.06 | 1.403 | 19 | | 4.60 | 0.695 | 20 |
| MA Puffs/Cigt. | | 9.7 | 0.41 | 19 | | 11.1 | 0.52 | 20 |
| Tar/Puff, mg | | 2.3 | | | | 1.5 | | |
| MA pH in Whole Smoke (PxP) | | | | | | | | |
| MA CO, mg/cigt. | | 24.9 | 1.54 | 20 | | 21.3 | 1.13 | 20 |
| TX pH in Whole Smoke | | 5.0 | 0.02 | 2 | | 5.0 | 0.01 | 2 |
| Filter | | | | | | | | |
| Tipping Paper Length, mm | | 31.0 | 0.20 | 20 | | 31.1 | 0.21 | 20 |
| Ventilation, % | | 13 | 2.7 | 100 | | 46 | 2.8 | 99 |
| Filler | | | | | | | | |
| Tobacco Weight, g | | 0.657 | 0.0010 | 2 | | 0.649 | 0.0010 | 2 |
| (1)Total Alkaloids, mg/cigt. | | 10.84 | 0.134 | 2 | | 11.24 | 0.014 | 2 |
| (1)OV After Grinding, % | | 11.5 | 0.01 | 2 | | 11.4 | 0.00 | 2 |

Notations:

PR4B - PARLIAMENT LIGHTS KSF B
BC6-BW - BASIC KSF

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PRODUCT TESTING LABORATORY
Final Laboratory Averages Report

Philip Morris USA
Confidential

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BC6B-BW - BASIC KSF B
BC6MB-BW - BASIC KSF M B
BCL6-BW - BASIC LIGHTS KSF
BCL6B-BW - BASIC LIGHTS KSF B
BCL6M-BW - BASIC LIGHTS KSF M
BCU6-BW - BASIC ULTRA LIGHTS KSF

BCL6M-BW - Test tube was received contaminated-part of finger cot was
inadvertently caught inside of the test tube and stopper which caused
leaking. Test tube could not be analyzed.

cc:

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Doc-Code: P0622

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